



THOMAS JAHIVE, JR (1928-1997)	CYNTHIA L. KANIK, Ph.D.	PATENT AGENTS
RALPH A. LOREN	MEGAN E. WILLIAMS, Ph.D.	THEODORE R. WEST
GILIO A. DECONTI, JR.	RICHA NAND	SHAYNE Y. HUFF, Ph.D.
ANN LAMPART HAMMITE	MICHAEL PHILLIPS	DANIEL B. KO
ELIZABETH A. HANLEY	LISA M. DIROCCO	
AMY BAKER MANDRAGOURAS	HATHAWAY P. RUSSELL	
ANTHONY A. LAURENTANO	MARIA LACOTTRIPE ZACHARAKIS, Ph.D.	TECHNICAL SPECIALISTS
KEVIN J. CANNING	PETER A. DIMATTIA	CYNTHIA M. SOROS
DeANN FORAN SMITH	VINCENT P. LOCCISANO	PETER W. DINI, Ph.D.
PETER C. LAURO	MERIDETH C. ARNOLD	EUIHOON LEE
JEANNE M. DIGIORGIO	SENIOR COUNSEL	JENNIFER K. ROSENFIELD
DEBRA J. MILASINCIC, Ph.D.	JAMES E. COCKFIELD	ALLAN TAMESHTIT, Ph.D.
DAVID J. RIKKERS	OF COUNSEL	CATHERINE E. MCGOVERN
DAVID R. BURNS	JEREMIAH LYNCH	ERIC F. WAGNER, Ph.D.
JOHN S. CURRAN	WILLIAM A. SCOFIELD, JR.	SHAHID HASAN, Ph.D.
SEAN D. DETWEILER	SIBLEY P. REPPERT	JACOB G. WEINTRAUB
* Admitted in NY only		
* Admitted in TX only		

Commissioner for Patents
Washington, D.C. 20231

August 14, 2002

RECEIVED

AUG 30 2002

TECH CENTER 1600/2900

Re: U.S. Patent Application No.: 10/018638
For: GROWTH DIFFERENTIATION FACTOR-9 REGULATORY SEQUENCES
AND USES THEREFOR
Inventors: Matzuk, M. M. et al.
Filed: December 19, 2001
Our Ref. No.: MTN-029US

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

1. Information Disclosure Statement;
2. PTO Form 1449;
3. Copies of the references cited in PTO Form 1449 (22);
4. A Statement of Limited Recognition Under 37 CFR §10.9(b); and
5. A Return Postcard.

No additional costs are believed to be due in connection with the filing of this Information Disclosure Statement. However, please charge any other necessary fees due in connection with the enclosed statement to our Deposit Order Account No. 12-0080. For this purpose, a duplicate of this sheet is attached.

I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on:

August 4, 2002

Date
M. Laccotripe
Maria C. Laccotripe, Ph.D., Limited Recognition Under 37 CFR §10.9(b)

Respectfully submitted,
LAHIVE & COCKFIELD, L.L.P.

M. Laccotripe
Maria C. Laccotripe, Ph.D.
Attorney for Applicants
Limited Recognition Under 37 CFR §10.9(b)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Matzuk, M. M. *et al.*

Serial No.: 10/018638

Filed: December 19, 2001

For: *GROWTH DIFFERENTIATION FACTOR-9
REGULATORY SEQUENCES AND USES
THEREFOR*

Attorney Docket No.: MTN-029US

Group Art Unit: Not yet assigned

Examiner: Not yet assigned

RECEIVED

AUG 30 2002

TECH CENTER 1600/2900

Commissioner for Patents
Washington, D.C. 20231

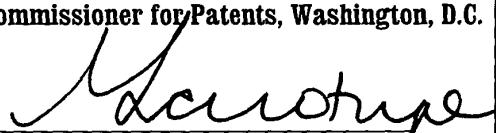
Certificate of First Class Mailing (37 CFR §1.8(a))

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on the date set forth below.

8/14/02

Date of Signature and of Mail Deposit

By:



Maria C. Laccotripe, Ph.D.
Attorney for Applicants
Limited Recognition Under 37 CFR §10.9(b)

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

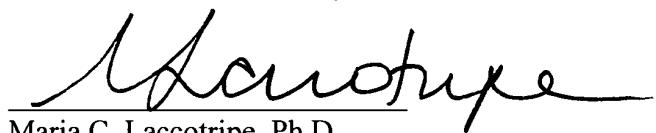
Applicants and their Attorney are aware of the following publications and information, listed on the attached PTO Form 1449, and in accordance with 37 CFR §1.97 hereby submit these publications for the Examiner's consideration. A copy of each cited publication is enclosed.

This statement is not to be interpreted as a representation that the cited publications are material, that an exhaustive search has been conducted, or that no other relevant information exists.

Nor shall the citation of any publication herein be construed *per se* as a representation that such publication is prior art. Moreover, the Applicants understand that the Examiner will make an independent evaluation of the cited publications.

Under 37 CFR § 1.97(b)(3), no additional costs are believed to be due in connection with the filing of this disclosure. If, however, a first Office Action on the merits issues in this application bearing a mailing date prior to the date of this Information Disclosure Statement, please charge the appropriate fee as required under 37 CFR §1.17(p) to our Deposit Order Account No. 12-0080.

Respectfully submitted,
LAHIVE & COCKFIELD, LLP



Maria C. Laccotripe, Ph.D.
Attorney for Applicants
Limited Recognition Under 37 CFR §10.9(b)

28 State Street
Boston, MA 02109
(617) 227-7400

Date: 8/14/02

AEM/JER/MCL/CEH/alf
Enclosures

APPLICANT FACSIMILE OF FORM PTO-1449 REV-100 O I P E LIST OF PUBLICATIONS CITED BY APPLICANT Use several sheets if necessary) AUG 20 2002 PATENT & TRADEMARK OFFICE		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO MTN-029US	SERIAL NO. 10/018638
		APPLICANT Matzuk, M. M. et al.	FILING DATE December 19, 2001	GROUP Not yet assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A1 5,614,396	03/97	Bradley et al.	435	172.3	
	A2 5,821,056	10/98	Lee	435	6	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	A3 WO 95/06118 A1	03/95	WO			
	A4 WO 97/19180 A2,A3	05/97	WO			

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

A5	EMBL database acc. no.: AA388141; vb59g09.r1 Ko mouse embryo 11 5dpc Mus musculus cDNA clone IMAGE:761344 5', mRNA sequence
A6	EMBL database acc. no.: AA035964; mi70f04.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone IMAGE:468895 5' similar to SW:UCR7_BOVIN P13271 UBIQUINOL-CYTOCHROME C REDUCTASE 9.5 KD PROTEIN ;, mRNA sequence
A7	Bodensteiner, K.J. et al. Molecular cloning of the ovine growth/differentiation factor-9 gene and expression of growth/differentiation factor-9 in ovine and bovine ovaries. <i>Biol. Reprod.</i> 1999 Feb;60(2):381-6
A8	Carabatsos, M.J. et al. Characterization of oocyte and follicle development in growth differentiation factor-9-deficient mice. <i>Dev. Biol.</i> 1998 Dec 15;204(2):373-84
A9	Casadaban, M.J. et al. Analysis of gene control signals by DNA fusion and cloning in <i>Escherichia coli</i> . <i>J. Mol. Biol.</i> 1980 Apr;138(2):179-207
A10	Dong, J. et al. Growth differentiation factor-9 is required during early ovarian folliculogenesis. <i>Nature</i> . 1996 Oct 10;383(6600):531-5.
A11	Dube, J.L. et al. The bone morphogenetic protein 15 gene is X-linked and expressed in oocytes. <i>Mol. Endocrinol.</i> 1998 Dec;12(12):1809-17
A12	Fitzpatrick, S.L. et al. Expression of growth differentiation factor-9 messenger ribonucleic acid in ovarian and nonovarian rodent and human tissues. <i>Endocrinology</i> . 1998 May;139(5):2571-8
A13	Garver, R.I. Jr. et al. Strategy for achieving selective killing of carcinomas. <i>Gene Ther.</i> 1994 Jan;1(1):46-50
A14	Hayashi, M. et al. Recombinant growth differentiation factor-9 (GDF-9) enhances growth and differentiation of cultured early ovarian follicles. <i>Endocrinology</i> . 1999 Mar;140(3):1236-44
A15	Incerti, B. et al. Structure of the mouse growth/differentiation factor 9 gene. <i>Biochim. Biophys. Acta</i> . 1994 May 26;1222(1):125-8
A16	Liang, L.-F. et al. FIGα, a germ cell specific transcription factor involved in the coordinate expression of the zona pellucida genes. <i>Development</i> . 1997 Dec;124(24):4939-47

Examiner	Date Considered
----------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

RECEIVED

AUG 30 2002

TECH CENTER 1600/2900



AUG 20 2002

Sheet 2 of 2

APPLICANT FACSIMILE OF 54 PTO-1449 REV 7-80	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO MTN-029US	SERIAL NO. 10/018638
LIST OF PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT Matzuk, M. M. et al.	FILING DATE December 19, 2001
		GROUP N t yet assigned	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

~~RECEIVED~~

AUG 30 2002

~~TECH CENTER 1600/2900~~

Examiner _____ Date Considered _____

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.